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U.S. Department of the Interior • U.S. Geological Survey

# MINERAL INDUSTRY SURVEYS

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## GYPSUM IN NOVEMBER 1997

Producers mined 1,580,000 metric tons of gypsum in November 1997. This was 16% more than in November 1996. Sales of uncalcined gypsum, mainly for portland cement manufacture and for agricultural uses, were 709,000 tons; this was slightly higher than in November 1996.

Output of calcined gypsum was 1,480,000 tons. This was 10% higher than in November 1996. Sales of board products were 2.0 billion square feet (181 million square meters), which was 3% less than in November 1996.

Import and export data for the month of November 1997 were not available at the time of publication. Imports of crude gypsum in October 1997 were 858,000 tons, 8% more than in October 1996. Gypsum wallboard imports, principally from Canada, for the month of October were 91,100 tons, equivalent to 104.8 million square feet (9.7 million square meters). Wallboard exports to 33 countries and territories in October were 6,800 tons, equivalent to 7.8 million square feet (725,000 square meters).

TABLE 1  
GYPSUM SUPPLY 1/ 2/

(Metric tons)

|                  | November<br>1997 | October<br>1997 | 11 months<br>1997 | 11 months<br>1996 |
|------------------|------------------|-----------------|-------------------|-------------------|
| Crude:           |                  |                 |                   |                   |
| Mined 3/         | 1,580,000        | 1,740,000       | 16,800,000        | 15,800,000        |
| Imported 4/      | NA               | 858,000         | NA                | 7,410,000         |
| Exported 4/      | NA               | 9,310           | NA                | 118,000           |
| Byproduct gypsum | 145,000          | 166,000         | 1,780,000         | 1,350,000         |
| Total supply     | NA               | 2,760,000       | NA                | 24,400,000        |
| Calcined:        |                  |                 |                   |                   |
| Produced         | 1,480,000        | 1,550,000       | 16,000,000        | 16,100,000        |
| Imported 5/      | NA               | 1,170           | NA                | 10,200            |
| Exported 5/      | NA               | 30,500          | NA                | 135,000           |
| Total supply     | NA               | 1,520,000       | NA                | 16,000,000        |

NA Not available.

1/ Includes data from the Gypsum Association.

2/ Data are rounded to three significant digits; may not add to totals shown.

3/ Some data were estimated from quarterly reports.

4/ Import and export data are for "Gypsum; anhydrite," Harmonized Tariff Schedule 2520.10.0000.

5/ Import and export data are for "Plaster," Harmonized Tariff Schedule 2520.20.0000.

TABLE 2  
GYPSUM SOLD OR USED BY PRODUCERS, BY USE 1/ 2/

(Metric tons unless otherwise specified)

|  | November<br>1997 | October<br>1997 | 11 months<br>1997 | 11 months<br>1996 |
|--|------------------|-----------------|-------------------|-------------------|
| Uncalcined: 3/                         |                  |                 |                   |                   |
| Portland cement                        | 482,000          | 582,000         | 4,700,000         | 3,880,000         |
| Agriculture and misc.                  | 227,000          | 239,000         | 2,250,000         | 1,800,000         |
| Total supply                           | 709,000          | 820,000         | 6,950,000         | 5,680,000         |
| Calcined:                              |                  |                 |                   |                   |
| Board products 4/                      | 1,700,000        | 2,070,000       | 20,300,000        | 21,100,000        |
| Plaster                                | W                | W               | W                 | W                 |
| Total supply                           | W                | W               | W                 | W                 |
| Board products: (Thousand sq. feet) 5/ |                  |                 |                   |                   |
| Regular board                          | 1,110,000        | 1,340,000       | 13,300,000        | 13,300,000        |
| Type X board                           | 587,000          | 714,000         | 6,880,000         | 6,340,000         |
| Other                                  | 257,000          | 332,000         | 3,170,000         | 3,130,000         |
| Total supply                           | 1,950,000        | 2,380,000       | 23,400,000        | 22,800,000        |

W Withheld to avoid disclosing company proprietary data.

1/ Includes data from the Gypsum Association.

2/ Data are rounded to three significant digits; may not add to totals shown.

3/ Some data were estimated from quarterly reports.

4/ Includes weight of paper and other materials.

5/ One square meter equals 10.78 square feet.

TABLE 3  
CRUDE GYPSUM IMPORTED FOR CONSUMPTION 1/

(Metric tons)

| Country of origin  | October<br>1997 | September<br>1997 | 10 months<br>1997 | 10 months<br>1996 |
|--------------------|-----------------|-------------------|-------------------|-------------------|
| Australia          | --              | 14                | 23,400            | 2,470             |
| Bahamas, The       | --              | --                | --                | 163,000           |
| Canada             | 588,000         | 449,000           | 5,030,000         | 4,510,000         |
| China              | 110             | --                | 111               | --                |
| Dominican Republic | 28              | 75                | 2,630             | 286               |
| Hong Kong          | --              | --                | 5                 | 1                 |
| Ireland            | --              | --                | 1                 | --                |
| Italy              | --              | --                | 116               | 2                 |
| Japan              | 4               | 1                 | 406               | 18                |
| Mexico             | 223,000         | 137,000           | 1,610,000         | 1,610,000         |
| Philippines        | --              | 23                | 23                | 11                |
| Spain              | 47,000          | 32,100            | 451,000           | 437,000           |
| United Kingdom     | --              | 34                | 294               | 578               |
| Total              | 858,000         | 618,000           | 7,120,000         | 6,730,000         |

1/ Data are rounded to three significant digits; may not add to totals shown.

Source: Bureau of the Census.

TABLE 4  
CRUDE GYPSUM IN THE UNITED STATES 1/ 2/

(Thousand metric tons)

| Period    | Consumption 3/ | Production 4/ | Imports 5/ | Exports 5/ |
|-----------|----------------|---------------|------------|------------|
| 1996:     |                |               |            |            |
| November  | 2,030          | 1,360         | 680        | 10         |
| December  | 2,040          | 1,410         | 645        | 18         |
| Total     | 25,100         | 17,200        | 8,050      | 149        |
| 1997:     |                |               |            |            |
| January   | 2,270          | 1,430         | 855        | 18         |
| February  | 1,960          | 1,360         | 625        | 21         |
| March     | 2,180          | 1,470         | 736        | 12         |
| April     | 1,950          | 1,440         | 531        | 13         |
| May       | 2,250          | 1,510         | 744        | 7          |
| June      | 2,330          | 1,490         | 851        | 8          |
| July      | 2,130          | 1,560         | 601        | 27         |
| August    | 2,330          | 1,650         | 702        | 26         |
| September | 2,270          | 1,660         | 618        | 8          |
| October   | 2,590          | 1,740         | 858        | 9          |
| November  | NA             | 1,580         | NA         | NA         |

NA Not available.

1/ Excludes byproduct gypsum.

2/ Data are rounded to three significant digits; may not add to totals shown.

3/ Consumption calculated by adding the production and imports shown in this table and subtracting the exports shown in this table. Monthly inventory changes are not included.

4/ Production data is from the quarterly gypsum canvasses of the non-wallboard producers, annual canvasses of all producers, and from monthly data furnished by the Gypsum Association from the wallboard producers.

5/ Data from Bureau of the Census.

TABLE 5  
SALES OF GYPSUM BOARD PRODUCTS, BY SALES REGIONS 1/ 2/

(Thousand square feet) 3/

|                                | New<br>England | Middle<br>Atlantic | E. North<br>Central | W. North<br>Central | South<br>Atlantic | E. South<br>Central | W. South<br>Central | Mountain  | Pacific   | Exports | Total      |
|--------------------------------|----------------|--------------------|---------------------|---------------------|-------------------|---------------------|---------------------|-----------|-----------|---------|------------|
| November 1997:                 |                |                    |                     |                     |                   |                     |                     |           |           |         |            |
| Lath                           | 2              | 39                 | 34                  | 9                   | 63                | 4                   | --                  | --        | 140       | 68      | 359        |
| Veneer base                    | 17,700         | 2,060              | 5,740               | 877                 | 7,530             | 17                  | 71                  | 270       | 1,120     | 53      | 35,400     |
| Sheathing                      | 957            | 2,380              | 3,140               | 3,420               | 6,750             | 1,720               | 9,120               | 3,120     | 3,290     | 548     | 34,400     |
| Regular gypsum board           | 29,700         | 106,000            | 156,000             | 74,700              | 280,000           | 88,900              | 137,000             | 111,000   | 113,000   | 13,600  | 1,110,000  |
| Type X gypsum board            | 16,000         | 60,400             | 85,000              | 49,700              | 99,600            | 27,000              | 72,500              | 71,600    | 101,000   | 3,840   | 587,000    |
| Predecorated board             | 379            | 698                | 1,070               | 471                 | 1,460             | 434                 | 1,040               | 280       | 594       | 21      | 6,450      |
| 5/16 Mobile home board         | --             | 1,310              | 17,100              | 63                  | 37,900            | 30,600              | 21,400              | 2,950     | 3,420     | --      | 115,000    |
| Water/moisture resistant board | 2,390          | 10,300             | 8,220               | 3,790               | 13,500            | 3,050               | 7,550               | 7,160     | 8,740     | 1,140   | 65,800     |
| Total                          | 67,100         | 183,000            | 276,000             | 133,000             | 447,000           | 152,000             | 248,000             | 196,000   | 232,000   | 19,300  | 1,950,000  |
| January through November 1997: |                |                    |                     |                     |                   |                     |                     |           |           |         |            |
| Lath                           | 93             | 736                | 508                 | 26                  | 795               | 20                  | 2                   | 195       | 2,030     | 143     | 4,550      |
| Veneer base                    | 207,000        | 26,900             | 75,100              | 12,900              | 100,000           | 304                 | 891                 | 3,500     | 15,400    | 758     | 443,000    |
| Sheathing                      | 9,620          | 27,800             | 34,900              | 33,600              | 80,100            | 34,600              | 102,000             | 40,500    | 42,400    | 4,570   | 410,000    |
| Regular gypsum board           | 366,000        | 1,260,000          | 1,910,000           | 879,000             | 3,360,000         | 1,050,000           | 1,540,000           | 1,280,000 | 1,470,000 | 179,000 | 13,300,000 |
| Type X gypsum board            | 220,000        | 711,000            | 1,060,000           | 545,000             | 1,130,000         | 319,000             | 782,000             | 813,000   | 1,260,000 | 41,500  | 6,880,000  |
| Predecorated board             | 3,960          | 9,970              | 13,000              | 6,790               | 17,300            | 4,480               | 13,700              | 3,840     | 6,610     | 403     | 80,100     |
| 5/16 Mobile home board         | 195            | 6,950              | 221,000             | 1,830               | 490,000           | 375,000             | 265,000             | 39,300    | 41,400    | 4,770   | 1,450,000  |
| Water/moisture resistant board | 31,400         | 123,000            | 100,000             | 43,200              | 166,000           | 38,700              | 79,000              | 82,800    | 108,000   | 15,800  | 788,000    |
| Total                          | 839,000        | 2,170,000          | 3,410,000           | 1,520,000           | 5,350,000         | 1,820,000           | 2,790,000           | 2,260,000 | 2,940,000 | 247,000 | 23,400,000 |

1/ Data are rounded to three significant digits; may not add to totals shown.

2/ Sales region equivalent to Bureau of the Census Geographic Division as follows: New England (CT, MA, ME, NH, RI, VT); Middle Atlantic (PA, NJ, NY); East North Central (IL, IN, OH, MI, WI) ; West North Central (IA, KS, MN, MO, NE, ND, SD); South Atlantic (DC, DE, FL, GA, MD, NC, SC, VA, WV); East South Central (AL, KY, MS, TN); West South Central (AR, LA, OK, TX); Mountain (AZ, CO, ID, MT, NM, NV, UT, WY); Pacific (AK, CA, HI, OR, WA).

3/ One square meter equals 10.78 square feet.

Source: The Gypsum Association.